ICE BLOCKADE PREVENTS COPPER SHIP-MENTS BY USUAL LAKE ROUTE.

Consignment Sent by Water to Chicago and Then East by Rail-Isle Royale Mill to Open To-morrow-Boom in Southeastern Alaska Hetty Green Buys a California Mine.

HOUGHTON, Mich., May 11 .-- The opening, of the Isle Royale mill has been set for Monday next, and on that day, barring accidents the stamps will begin dropping and the jigs separating sand from copper. The event will be one of much more than usual interest, for a number of reasons, chief of which are he altogether exceptional length of time and amount of money taken in reopening and equipping this property. The Isle Royale, Grand Portage and Huron mines were bought in 1897 and consolidated under the name of the Isle Royale, since which time the work of reopening has been in steady progress and upward of \$1,500,000 spent in the work. The reopening has been confined almost entirely to the old Isle Royale property. at the northern end of the group of consolidated mines, while an equipment of mining and milling machinery of the most powerful and modern esign has been put in lace. The three mines in the consolidation have produced upward of 18,000 tons of ingot copper in the past, very little of which was made at a profit, owing to the crude methods employed and the great extra costs necessitated by hauling fuel and other supplies up the steep hill south of Houghton on which the mines are located. With the present facilities the Isle Royale will ie able to make its copper not only in much greater quantities, but at much smaller cost than at any time in the past. The mine is under the Bigelow-Lewisohn management.

Preparations for the beginning of production by the Mass are continuing steadily, and it seems probable that one stamp will be started early in July as planned and the second a few months later. The mine continues rich in heavy masses and barrel copper and the work of reopening the shafts and cri'ts on the Evergreen lode has been practically paid for by the heavy copper secured. The Adventure mine, in the same district

as the Mass and carrying the same lodes, with two additional amygdaloids not yet found on the Mass property, is again attracting attention locally, due to the excellent showing of heavy copper and stamp rock. The Phoenix in Keweenaw county is still moving along quietly but successfully, and continues to secure enough heavy copper practically to pay the expenses of operation.

Work on the new Baltic mill is advancing satisfactorily, and when it is completed the production of the mine will be materially increased. It is probable that the two stamps in the Atlantic mill now used by the Baltic will be turned over to the Champion mine, owned jointly by the Copper Range Company and St. Mary's Canal Mineral Land

Preliminary work on the Trimountain and Adventure mill sites, south of the Atlantic and Baltic mills, is well along.

The stamp-rock found in the lower levels of the Centennial, on the Kearsarge lode, to pleasing to all friends of the mine. The finding of richer rock at a considerable depth has been anticipated, in view of the great bettering of the lode at depth in both the Wolverine and Kearsarge mines, opened to the northward. The Wolverine in its early days made but sixteen to seventeen pounds of copper to the ton, but is now making an average of about twenty-seven pounds, the largest percentage secured from any amygdaloid mine in the distric .

It will be some months before the opening of No 5 shaft of the Tamarack will be felt in the shape of increased production, but the developments continue all that could reasonably be wished, and give assurance of a

material increase in production next year. The equipment of the amygdaloid shafts of the Calumet and Hecla is proceeding as expeditiously as could be expected, when the magnitude of the machinery is taken into

Eastern statements that the demand for

A forty-mile ditch will bring water from the mountains to the Sweepstakes Gravel Mining Company of Weaverville, Trinity county, Near this mine is the La Grange, the largest hydraulic mine in the world, which gets water through a ditch twenty-mine miles long, fourteen miles of which is flume and nine tunned.

After thirty years of death-in-life, Coppersopolis is waising up. The big Union Copper mine there is said to have been bought by Mrs. Hettie Green of New York. She will woon put on a large force and develop the mine which, with new processes, ought to yield well.

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producers.

The Bellinan mine at Cottonwood has run into a body of ore 100 feet without finding the lianging wall. It shows five feet of ore that yields better than 30 per cent of copper. In the Ne Plus Litra mine in Swansea Canon, White Pine county, a strike of rich lead ore has been made, which also carries.

silver. The ore was found in a drift from the main shaft at a depth of 125 feet. Bryan City is the name of the newest min-ing camp in Nevada. It is only one year old but it has a street of houses and several large dumps of good ore. The camp is producing \$1,000 a day.

MEXICO.

AUSTIN, Tex., May 7.—The syndicate of Franklin, Pa., and New York city capitalists who a year ago purchased the Mulatos gold mining concession, which included several rich gold properties in the State of Sonora, have expended over \$150,000 gold in improvements at the mines. These improvements consist of a 125-ton stamp mill and a 250-ton to construct a wagon road from the mines to the railroad, a distance of 120 miles. The estimated cost of this road is \$100,000. The superintendent is Frank J. Spare, a well-known American mining man.

The Zagategas Mining Company, of which Miguel Ferrara of Monterey is President, is making heavy shipments of silver ore to the smelter at Monterey. The ore nets about \$6,000 to the car.

A number of strong American companies. MEXICO

is making heavy shipments of silver ore to the smelter at Monterey The ore nets about \$30,000 to the car.

A number of strong American companies have recently acquired valuable mining properties in the Guanajuate district, and the output of ore already shows a big increase. A number of ancient Spanish mines in this district have been lying idle for many years, some of them having been abandoned for a century and more. These old properties will be developed on an extensive scale.

The owners of the Duraznos mines, situated near Santiago Papasquiare, State of Durango, are erecting a 30-ton smelter on the property. The principal owners of these mines are key York men.

The activity in the mining districts around Monterey is unprecedented Heavy investments in good paying mines have been made there recently by American capitalists who are gradually obtaining centrol of all the best mining properties. The nearness of most of these mines to the smelters makes them very desirable.

William Niven, the New York archae legist, who is interested in gold mining in the State of Guerrero, is making extensive improvements on some of his properties in that remote section of country.

Deadwood, S. D. May 3.—The National

CALFORNIA.

SAN FRANCISCO, May 8.—The great smelting plant of the Mountain Copper Company it Reswick, Shasta county, will soon be operated entirely by electricity. The estimated supply necessary is 1,500-horse power. The electric power plant is located about twenty niles above the mine, and it will be run by core of water in the mountain streams, searly all the cities and towns in Shasta bounty will be lighted by the same power lant.

A syndicate is being formed at Riverside and Los Angeles to work the beds of nitre it. San He mothor county. These beds are in be northwestern corner of the county, and re said to be unusually rich. The discoverer in old desert prospector, Fritz Overholtzer, ho searched for them for years. In the acket vein of the Dusam mine in Tuolumne unity a rich ore short was struck on the located with streams of the product of the Highland Boy Mining Company for used, as con pared with that of the previous affects mentals, maintees a net profit in 1301 of more than \$1,000,000.

RENO, May 6—The smelter of the Nevada opper Company at Cettonwood will be started p as soon as enough coke can be procured everal mines at this camp will soon be large GINES; ESTIMATES FURNISHED. THE EDW, Toducers HENDRIE MACHINERY CO., 115 Broadway, Sole export agents for the Wilfley Concentrator, mining machinery and supplies. Stamp mills, concentrators and cyanide plants. Deliveries in San Francisco, Denver and New York.

The cost of extraction and treatment in 1000 was \$7 a ton, while with the enlargement of the smelter a material reduction is assured. At present the management is putting 500 tons daily through the plant, the tonnage in 1900 being about one-half this amount. The report upon the Consolidated Mercur operations for April shows that during the month the management handled 24,000 tons of ore. The value of the ore increased to over \$150,000 over the previous month.

The Great Daly-West at Park City closed April with the production of over 2,500 tons of shipping ore and concentrates, while the mine was supplied with 150 tons daily. From this the company not only derives the amount required to pass around its regular dividend of \$45,000, but turns into the treasury a good surplus.

The great Silves King et Park City woods.

William Nivers, the New York arches | 1888, or of Onerres, is making extensive improvements on some of his properties in that recommend of the properties in that recommend in the properties in that recommend in the properties in that the properties in the proposed of the properties in the proposed of the properties of the property in the proposed of the property in the propert

ored, old square piano of yours. We will sell it in some large, roomy house in the country, getting a good price for it, and you will profit by obtaining a LARGE ALLOWANCE from us whenever you de ire a FINE NEW HARDMAN UPRIGHT or BABY GPAND. Call or correspond with us for

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structed, and convey the product by railroad to St. Louis. The company's white lead works are to be located in Brooklyn. The operation of capital that by the new process can be turned over four times a month as against that which, to produce similar results, must be locked up for nearly four months, foretells a revolution in the white lead business.

SPOKE FOR FORT VALLEY SCHOOL. Its Work for Southern Negroes Described by Its Assistant Principal

James H. Torbert, the assistant principal of the Fort Valley High and Industrial School of Fort Valley, Ga., who is here to raise funds for the school, spoke in the Church of Our Saviour in Brooklyn yesterday. Mr. Torbert

"The influence of these graduates of the industrial schools of the South purifies the home life of the colored people, condemns the one-room cabin mode of living, puts to shame shiftlessness and makes them love shame shiftlessness and makes them love labor. Education greatly increases the wage-earning power of the black man of the South. More than this, the graduate knows how to save his money and how to make profitable investments. Those who look at the education of the black man from a business standpoint need to be hopeful. What larger profit could accrue from an investment of this kind?

ind?
These graduates are welcome in every summarity and in every corner of the South here they live and presper despite the prequice that exists. In fact there is no prejucie in the South so bitter or so unreasonable to hold down an industrious, self-respecting, self-reliant black man. The sense of estice is instinctive and inherent in the white

MARINE INTELLIGENCE.

MUNIATURE ALMANAC—THIS DAY:
Sun rises....447 | Sun sets...7:07 | Moon rises 1:35
HIGH WATER—THIS DAY: Sandy Hook. 3:36 | Gov. Pd. 3:08 | Hell Gate .. 5:01

Arrived-SUNDAY, May 11; Ss Rotterdam, Potter, Rotterdam, May 2.
Ss Picqua, Filkins, Venice, April 3.
Ss Nicolai II., Michelsen, Copenhagen, April 24.
Ss Georgian, Parker, Liverpool, May 2.
Ss Wells City, Carey, Bristol, April 24.
Ss Georgia, Brambeer, Genoa, April 24.
Ss Semptone, Dordoro, Genoa, April 22.
Ss Burgerineister Petersen, Stege, Hamburg, 1971 37. 1 27.
Ciudad de Cadiz, Oyertide, Malaga, April 29.
Adrs, Harris, Huelva, April 25.
Psiyearn, James, Manaos, April 17.
Fsile, Fuzre, Cardenas, April 30.
Turret Crown, Hayton, Cardenas, May 8.
Vicetan, Hayton, Vera Cruz, May 4.

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was over in the Madison Square Presbyterian Church yesterday some persons started

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For Children.

We wouldn't ask widely scattered read-

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As soon as Dr. Parkhurst's morning sermon

Parkhurst said a word or two for their bene-fit. He spoke up good and loud and said that he would say to those who were leav-ing that the services were not over until the benediction had been pronounced. He added that he would not speak of the disre-spect shown to the congregation, but that the early goers were showing painful dis-respect to Him whose presence in the church the congregation had come to honor.

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